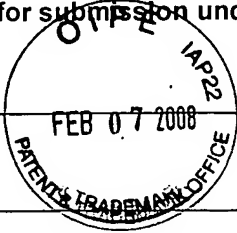


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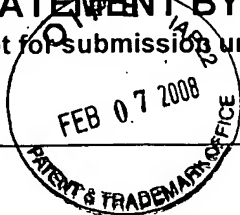


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Filing Date	2004-01-27
First Named Inventor	McCallister, Ronald D.
Art Unit	2611
Examiner Name	BAYARD, Emmanuel
Attorney Docket Number	2298-020

**U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6515712	B1	2003-02-04	Jeong	
	2	6600516	B1	2003-07-29	Danielsons, et al.	
	3	6281936	B1	2001-08-28	Twitchell, et al.	
	4	6775330	B2	2004-08-10	Bach, et al.	
	5	6335767	B1	2002-01-01	Twitchell, et al.	
	6	5903823	A	1999-05-11	Moriyama, et al.	
	7	6285412	B1	2001-09-04	Twitchell	
	8	6081158	A	2000-06-27	Twitchell, et al.	

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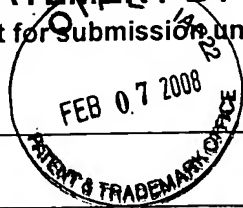
9	5819165	A	1998-10-06	Hulkko, et al.	
10	6112059	A	2000-08-29	Schwent, et al.	
11	6125266	A	2000-09-26	Matero, et al.	
12	6298097	B1	2001-10-02	Shalom	
13	6507731	B1	2003-01-14	Hasegawa	
14	6166601	A	2000-12-26	Shalom, et al.	
15	6819720	B1	2004-11-16	Willetts	
16	6856191	B2	2005-02-15	Bartuni	
17	5105445	A	1992-04-14	Karam, et al.	
18	6794939	B2	2004-09-21	Kim, et al.	

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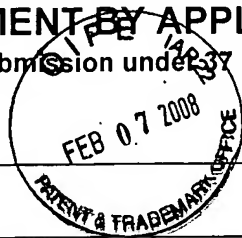
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	1	20050123066	A1	2005-06-09	Sarca	
	2	20020101937	A1	2002-08-01	Antonio, et al.	
	3	20020090915	A1	2002-07-11	Komara, et al.	
	4	20040208242	A1	2004-10-21	Batruni	
	5	20040164791	A1	2004-08-26	Batruni	
	6	20030016741	A1	2003-01-23	Sasson, et al.	
	7	20030223508	A1	2003-12-04	Ding, et al.	
	8	20050101269	A1	2005-05-12	Dale, et al.	
	9	20030058959	A1	2003-03-27	Rafie, et al.	

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## FOREIGN PATENT DOCUMENTS

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	1	1318643	EP	A	2003-11-06	Ericsson		<input type="checkbox"/>

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	MORGAN, MA, DING, "Reducing Measurement Noise Effects in Digital Predistortion of RF Power Amplifiers", Bell Laboratories, IEEE 2003.	<input type="checkbox"/>
	2	DING, RAICH & ZHOU, "A Hammerstein Predistortion Linearization Design Based on the Indirect Learning Architecture" Georgia Inst. of Tech., School of Elect & Comp Engineering.	<input type="checkbox"/>
	3	PARK, WOO, RAICH, KENNEY, ZHOU, "Adaptive Predistortion Linearization of RF Power Aplifiers Using Lookup Tables Generated from Subsampled Data", IEEE 2002.	<input type="checkbox"/>
	4	RAICH, QIAN, ZHOU, "Digital Baseband Predistortion on Nonlinear Power Amplifiers Using Orthogonal Polynomials" Proic. ICASSP 2003) p689-692, Hong Kong China 04/2003.	<input type="checkbox"/>
	5	EUN, POWERS, "A New Volterra Predistortion Based on the Indirect Learning Architecture", 1997 IEEE.	<input type="checkbox"/>
	6	COERSMEIER, ZIELINSKI, "Frequency Selective IQ Phase and IQ Amplitude Imbalance Adjustments for OFDM Direct Conversion Transmitters", US Dept. of Commerce, 2003.	<input type="checkbox"/>
	7	SANTAMARIA, IBANEZ, LAZARO, PANTALEON, VIELVA, "Modeling Nonlinear Power Amplifiers in OFDM Systems from Subsampled Data: A Comparative Study Using Real Measurements" 2003	<input type="checkbox"/>

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8	IBANEZ-DIAZ, PANTALEON, SANTAMARIA, FERNANDEZ, MARTINEZ, "Nonlinear Estimation in Power Amplifiers Based on Subsampled Temporal Data", IEEE 2001	<input type="checkbox"/>
9	GLENTIS, KOUKOULAS & KALOUPTSIDIS "Effecient Algorithms for Volterra System Identification" IEEE Transactions on Signal Processing, Vol. 47, No. 11, Nov 1999	<input type="checkbox"/>
10	DANSHRAD "DSP VLSI Engine for Electronic Linearization of Fiber Optic Links" Wireless Integrated Systems Research Group, UCLA, 02/27/2001.	<input type="checkbox"/>

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